

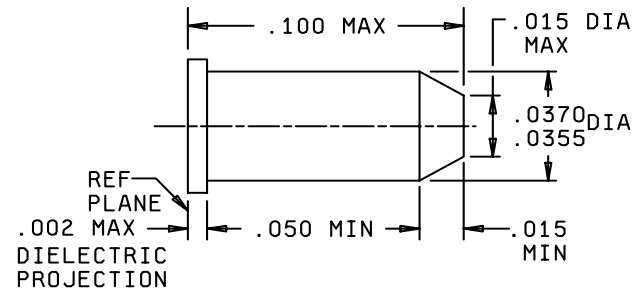
## PERFORMANCE SPECIFICATION

CONNECTORS, PLUG, ELECTRICAL, COAXIAL, RADIO FREQUENCY,  
 SERIES SMA (CABLED, CLASS 2, WITHOUT CONTACT, .141 SEMIRIGID CABLE)

This amendment forms a part of MIL-PRF-39012/92C, dated 14 December 1987, and is approved for use by all Departments and Agencies of the Department of Defense.

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Figure 2, delete and substitute the following:



Inches	mm
.002	0.05
.015	0.38
.0355	0.902
.0370	0.940
.050	1.27
.100	2.54

## NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Deburring is required.

FIGURE 2. Cable stripping dimensions for category E and category F connectors."

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TABLE I, delete and substitute as follows:

"TABLE I. Dash number and applicable cable.

Dash number		Applicable cable <u>1/</u>			
CATEGORY A – FIELD SERVICEABLE (NO SPECIAL TOOLS REQUIRED ) <u>2/</u> <u>3/</u> <u>4/</u> <u>7/</u>					
3002 3102 <u>5/</u> 4002 4102 <u>5/</u>		M17/130-RG402 <u>6/</u> M17/130-00001 through M17/130-00011			
CATEGORY E – FIELD REPLACEABLE <u>2/</u> <u>3/</u> <u>4/</u> <u>7/</u> <u>9/</u>					
3003 3103 <u>5/</u> 4003 4103 <u>5/</u>		M17/130-RG402 <u>6/</u> M17/130-00001 through M17/130-00011			
CATEGORY F – FIELD REPLACEABLE (MIL-C-22520 CRIMP TOOL) <u>2/</u> <u>3/</u> <u>4/</u> <u>7/</u>					
Dash number	Applicable cable <u>1/</u>	Tool number	Positioning dies	Locator pins <u>8/</u>	Crimp dies M22520/5
3201 <u>9/</u> 3301 <u>5/</u> <u>9/</u> 4201 <u>9/</u> 4301 <u>5/</u> <u>9/</u>	M17/130-RG402 <u>6/</u> M17/130-00001 through M17/130-00011	M22520/36-01	M22520/36-03	M22520/36-06, or -16	----
3202 3302 <u>5/</u> 4202 4302 <u>5/</u>		M22520/5-01	----	----	-05 or -41 cavity B

1/ MIL-C-17 cables are specified by the basic number. The latest version of each cable shall be applicable.

2/ Durability for center conductor is limited; not to be used in applications requiring frequent matings.

3/ Coupling nuts shall be corrosion-resistant steel with a passivated finish in accordance with MIL-F-14072 (applies to "3XXX" series connectors only).

4/ For logistics purposes, only connectors with safety wire holes will be stocked.

5/ No safety wire hole.

6/ Cable to be used when performing tests requiring cable.

\* 7/ All corrosion-resistant steel-bodied connectors shall be gold plated in accordance with ASTM B488, type 3, grade C, class 1.27, at least in the area of solder attachment."

8/ The locators required shall be indicated in the assembly instructions.

9/ Not for use in the Army equipment."

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\* Table II, note 4/, delete and substitute the following;

"4/ All corrosion-resistant steel-bodied connectors which are designed to be assembled to the outer conductor using solder shall be gold-plated in accordance with ASTM B488, type 3, grade C, class 1.27, at least in the area of solder attachment."

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The margins of this amendment are marked with an asterisk to indicate where changes from the previous amendment were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous amendment.

CONCLUDING MATERIAL

Custodians:

Army - CR  
Navy - EC  
Air Force - 11  
DLA - CC

Preparing activity:

DLA - CC  
(Project 5935-4521-006)

Review activities:

Army - AR, AT, CR4, MI  
Navy - AS, MC, OS, SH  
Air Force - 19, 99